



Atty.
Dkt. No.

Client Ref.

273686

F00-219-USdiv3

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: MANABE et al.

Appln. No.: 09/677,781

Filing Date: October 2, 2000

Date: November 28, 2001

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Examiner: S. Mulpuri

Group Art Unit: 2812

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
GM	KR 59-228776	12/1984	Japan	Maefutsu et al.		X	FULL	
GM	LR 56-080183	07/1981	Japan	Kobayashi et al.	X			X
	MR							
	NR							
	OR							
	PR							
	QR							
	RR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

GA	SR	Amano, <i>The Research on MOVPE Growth and Application to Photoelectric Physical Property of GaN and a Device Emitting Blue-Color Lights</i> , Doctoral Dissertation of Nagoya University, Chapter 7.8 (pages 80-94), January 13, 1989				X	Partial
	TR	Jacob et al., <i>Efficient Injection Mechanism for Electroluminescence in GaN</i> , Applied Physics Letter, Vol. 30, No. 8, pp. 412-414, April 15, 1977					
	UR	Tietjen et al., <i>Vapor Phase Growth Technique and System for Several III-V Compound Semiconductors</i> , RCA Laboratories, 5 pages, March 1969				X	Partial
	VR	Ta. <i>Photoluminescence Characterization of Shallow Impurities in GaN Grown by Chemical Vapor Deposition</i> , Dissertation for University of Southern California, pages 1-166, July 1981					
	WR	Wang, <i>Photoluminescence and Stimulated Emission from GaN</i> , Dissertation for University of Southern California, pages 1-158, November 1978					
GM	XR	Sayyah, <i>A Study of Growth Mechanisms and Electrical and Optical Properties of Epitaxial Al_{0.15}Ga_{0.85}N layers Grown by Atmospheric Pressure Metalorganic Chemical Vapor Deposition</i> , Dissertation for University of Southern California, pp. 1-176, February 1986					

Examiner

Date Considered: 2/8/01

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.